

Utah Monthly Communicable Disease Report

February 2016



Background: The Utah Department of Health collects data on over 75 communicable diseases that affect the residents of Utah. These data are monitored by epidemiologists to detect changes in disease activity, and guide prevention and education efforts. More information can be found at <http://health.utah.gov/epi/>.

Note: Individual disease investigations take time to complete; for this reason, data in this report should be considered provisional and will change as more complete reports are received.

Current counts of selected reportable diseases, * compared to an historical 5-year average, February 2016

Disease/Condition	Feb 2016	5-yr Feb avg [†]	2016 YTD [‡]	5-yr YTD avg ^{†,‡}
<i>Acinetobacter</i> species with resistance or intermediate resistance to carbapenems	1	2.2	2	4.4
Arbovirus infection (not including West Nile, Dengue, or Yellow Fever)	0	0.0	0	0.0
Babesiosis	0	0.0	0	0.0
Botulism, total	0	0.0	1	0.2
foodborne	0	0.0	0	0.0
infant	0	0.0	1	0.2
other (wound/unspecified)	0	0.0	0	0.0
Brucellosis	0	0.2	0	0.2
Campylobacteriosis	18	23.4	48	49.4
Chickenpox	22	30.4	53	59.8
Chlamydia	753	611.0	1,543	1,307.6
Cholera	0	0.0	0	0.0
Coccidioidomycosis	0	4.2	0	9.0
Colorado tick fever	0	0.0	0	0.0
Creutzfeldt-Jakob disease and other transmissible human spongiform encephalopathies	0	0.4	1	0.8
Cryptosporidiosis	11	6.0	19	13.8
Cyclosporiasis	0	0.0	0	0.0
Dengue	0	0.0	2	0.0
Ehrlichiosis/Anaplasmosis	0	0.0	0	0.0
Encephalitis	0	0.4	0	0.4
<i>Escherichia coli</i> species with resistance or intermediate resistance to carbapenems	0	0.0	0	0.2
Giardiasis	6	12.8	14	32.2
Gonorrhea	129	61.4	281	136.8
HIV infection	32	10.8	82	20.2
<i>Haemophilus influenzae</i> , all ages, invasive disease	2	3.8	5	7.0
nonserotype B, age < 5 years	0	0.0	0	0.2
serotype B, age < 5 years	0	0.0	0	0.0
unknown serotype, age < 5 years	0	0.0	0	0.0
Hansen's disease (Leprosy)	0	0.0	0	0.0
Hantavirus pulmonary syndrome	0	0.0	0	0.0
Hemolytic uremic syndrome, post-diarrheal	0	0.2	0	0.2
Hepatitis A	1	0.0	2	0.4
Hepatitis B, acute	0	1.8	0	2.6
Hepatitis B, chronic	13	18.4	40	44.4
Hepatitis C, acute	2	1.6	2	3.0
Hepatitis C, chronic	101	104.0	181	229.0
Hepatitis, other viral	0	0.0	0	0.0
Influenza-associated hospitalization [§]	389	104.8	495	352.2
Influenza-associated pediatric mortality [§]	0	0.4	0	1.6
<i>Klebsiella</i> species with resistance or intermediate resistance to carbapenems	0	0.2	0	0.6
Legionellosis	0	2.6	1	4.6
Leptospirosis	0	0.0	0	0.0
Listeriosis	0	0.2	1	0.6
Lyme disease	0	0.6	0	1.4

* Anthrax, Chancroid, Diphtheria, Poliomyelitis (paralytic & nonparalytic), Psittacosis, Rabies (human), Rubella (congenital), Severe Acute Respiratory Syndrome (SARS), Smallpox, Syphilis (congenital), Tetanus, Vancomycin-resistant *Staphylococcus aureus* (VRSA), Viral hemorrhagic fevers, and Yellow fever are not included in this report as there have been no cases reported in the state of Utah in the last five years.

[†]Averages are susceptible to skewing due to outbreaks and should be interpreted with care.

[‡]YTD indicates counts are year-to-date.

[§]Influenza is best assessed seasonally. Weekly updates are available at <http://health.utah.gov/epi/diseases/influenza/surveillance/index.html>.

U: Unavailable

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Disease/Condition	Feb 2016	5-yr Feb avg [†]	2016 YTD [‡]	5-yr YTD avg ^{†,‡}
Malaria	0	0.2	0	0.6
Measles	0	0.4	0	0.8
Meningitis, aseptic	0	3.8	0	7.8
Meningitis, bacterial, other	0	1.0	0	2.0
Meningitis, viral	0	1.2	0	3.0
Meningococcal disease (<i>Neisseria meningitidis</i>)	1	0.8	1	1.0
Mumps	0	0.2	0	0.4
Pertussis	6	71.4	18	150.4
Plague	0	0.0	0	0.0
Q fever	0	0.4	0	1.0
Rabies, animal	0	0.0	0	0.0
Relapsing fever, tick-borne and louse-borne	0	0.0	0	0.0
Rubella	0	0.0	0	0.0
Salmonellosis	20	16.8	51	34.8
Shiga toxin-producing <i>Escherichia coli</i> (STEC) infection	0	1.8	2	4.4
Shigellosis	4	2.4	8	6.0
Spotted Fever Rickettsiosis (Rocky Mountain Spotted Fever)	0	0.2	0	0.6
Streptococcal disease, invasive, group A	0	10.8	0	26.6
Streptococcal disease, invasive, group B	0	8.2	2	17.2
Streptococcal disease, invasive, other	8	29.0	15	57.8
<i>Streptococcus pneumoniae</i> , invasive disease	14	22.6	34	48.4
age < 5 years	0	2.4	2	5.0
Syphilis, early (infection < 12 months)	0	4.6	0	13.0
primary & secondary	0	2.6	0	6.8
early latent	0	2.0	0	6.2
Syphilis, latent (infection > 12 months)	1	1.4	2	5.4
Toxic shock syndrome (staphylococcal or streptococcal)	0	1.4	0	4.4
Trichinellosis	0	0.0	0	0.0
Tuberculosis, active	2	2.4	3	4.8
Tularemia	0	0.0	0	0.0
Typhoid fever	0	0.2	0	0.2
Vancomycin-intermediate <i>Staphylococcus aureus</i> (VISA)	0	0.0	0	0.2
Vibriosis	0	0.0	1	0.0
West Nile virus, total	0	0.0	0	0.0
neuroinvasive disease	0	0.0	0	0.0
nonneuroinvasive disease	0	0.0	0	0.0

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